Attorney Docket No. LKMP111US U.S. Patent Application No. 10/622,235

Response to Office Action dated: February 26, 2004

Date: May 12, 2004

In The Claims

Please amend Claims 1, 4, 11, and 18 as follows:

1. (currently amended) A method for producing a moment on a vessel comprising the steps of:

operatively mounting a rudder member below a waterline of said vessel; and,

rotating [[a]] <u>said</u> rudder member around a first and a second axis to produce said moment.

- 2. (original) The method recited in Claim 1 wherein said first axis is substantially parallel to a keel of said vessel.
- 3. (original) The method recited in Claim 1 wherein said second axis is substantially perpendicular to said first axis.
- 4. (currently amended) An apparatus for steering a vessel comprising:

a rudder member <u>mountable so as to be operable below a waterline of said vessel</u>, said member operatively arranged to be rotated around a first and a second axis.

- 5. (original) The apparatus recited in Claim 4, wherein said first axis is substantially parallel to a keel of said vessel.
- 6. (original) The apparatus recited in Claim 4, wherein said second axis is substantially perpendicular to said first axis.

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7. (original) The apparatus recited in Claim 4 further comprising a linear actuator operatively arranged to rotate said member around one of said first axis and said second axis.

8. (original) The apparatus recited in Claim 4 further comprising a rotary actuator operatively arranged to rotate said member around one of said first axis and said second axis.

9. (original) The apparatus recited in Claim 4 further comprising an electrical motor operatively arranged to rotate said member around one of said first axis and said second axis.

10. (original) The apparatus recited in Claim 4 further comprising a stepper motor operatively arranged to rotate said member around one of said first axis and said second axis.

11. (currently amended) A vessel comprising:

a hull having a keel;

a rudder member rotatably fixed to said hull <u>below a waterline for said vessel</u>, said member operatively arranged to be rotated around a first and a second axis.

12. (original) The vessel recited in Claim 11, wherein said first axis is substantially parallel to said keel of said vessel.

13. (original) The vessel recited in Claim 11, wherein said second axis is substantially perpendicular to said first axis.

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14. (original) The vessel recited in Claim 11 further comprising a linear actuator

operatively arranged to rotate said member around one of said first axis and said second axis.

15. (original) The vessel recited in Claim 11 further comprising a rotary actuator

operatively arranged to rotate said member around one of said first axis and said second axis.

16. (original) The vessel recited in Claim 11 further comprising an electrical

motor operatively arranged to rotate said member around one of said first axis and said second

axis.

17. (original) The vessel recited in Claim 11 further comprising a stepper motor

operatively arranged to rotate said member around one of said first axis and said second axis.

18. (currently amended) A vessel comprising:

a hull having a keel;

a rudder member rotatably fixed, below a waterline for said vessel, to an appendage fixed

to said hull, said member operatively arranged to be rotated around a first and a second axis.

19. (original) The vessel recited in Claim 18 wherein said appendage is a

crossfoil.

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